

Wet Rock Groundwater Services, L.L.C.

Groundwater Specialists
TBPG Firm No: 50038
317 Ranch Road 620 South, Suite 303
Austin, Texas 78734 • Ph: 512-773-3226
www.wetrockgs.com

November 6, 2023

Mr. Lane Cockrell SWTCGCD P.O. Box 340595 Austin, Texas 78734

RE: Administrative Completeness Review of Production Authorization Applications submitted by JPD Backyard Finance LLC for authorization to produce groundwater from two Lower Trinity Aquifer wells

Dear Mr. Cockrell:

This letter addresses the items listed in your administrative completeness review provided in Attachment A.

1. Projected annual irrigation demand for the proposed landscape areas that will be irrigated using groundwater from the wells, and basis for such.

Please find attached in Attachment B. The calculations account for actual vegetation types and quantities as installed.

Attachment C provides a table showing actual water usage from March to August 2023 from receipts paid to the West Travis County Public Utility Agency. The irrigation system at The Backyard is temporarily fed from a WTCPUA hydrant meter, with the intent to transition to water as supplied by Pond B as a permanent solution once a Well Production Authorization has been granted.

2. Projected portion of total annual irrigation demand that will be met using water sources other than groundwater.

Pond B is used as both the catchment for the water from the two proposed wells and also for rain water collection and storm drainage. Rainwater and storm drainage collected in Pond B will be used in conjunction with the wells to provide water to the property.

It is difficult for us to estimate the amount of water that will be met using sources other than the wells (ie: rainfall and storm drainage) because the amount of water that will be collected from these sources is highly dependent upon the time at which rainfall occurs (ie: summer vs winter) and the duration and intensity of the rainfall. We have applied for a permit from the wells that will cover our anticipated demand. When rainfall or storm drainage is collected in Pond B, that water will be used first which could decrease the total volume pumped annually. However, for planning purposes, we need to have the ability to irrigate the property using well water in case other sources are not viable.

3. Projected evaporative loss from Pond B.

Please see Attachment C If you have any questions, please feel free to call me at 512-773-3226.

Respectfully,

Wet Rock Groundwater Services, L.L.C.

Kaveh Khorzad, P.G.

President/ Senior Hydrogeologist

Attachment A:

Administrative Completeness Review Letter from SWTCGCD



October 25, 2023

Wet Rock Groundwater Services, LLC 317 RR 620 S., Suite 303 Lakeway, TX 78746 via email: k.khorzad@wetrocksgs.com

RE: Administrative Completeness Review of Production Authorization Applications

Dear Mr. Kaveh Khorzad:

This letter is to inform you that as of October 25, 2023, the applications submitted by JPD Backyard Finance LLC for authorization to produce groundwater from two Lower Trinity Aquifer wells are still administratively incomplete. Based on review of submitted application materials, the District has determined that the following items have not been satisfied:

• 3.4(A)(3) – The applicant must provide sufficient documentation to the District to show that the applicant will have a real, non-speculative need of the requested quantity of groundwater within one year following the date of issuance of the Operating Permit.

3.4(A)(5)(b) — The annual groundwater withdrawal amount requested along with documentation justifying that amount as reasonable for the requested purpose of use, the maximum rate of withdrawal, the approximate, average monthly distribution of the requested annual withdrawal amount, the place of use (described by physical address, metes and bounds, or legal description), the purpose of use, and the location or proposed location of the well or wells (described by physical address or latitude and longitude). The application must state if the proposed purpose of use of water from the well is wholly or partly to provide water to a pond, lake, or reservoir to enhance the appearance of the landscape.

The District acknowledges that the applicant has completed the Irrigation Demand Worksheet requested by the District on September 20, 2023 (submitted as "Attachment B" in your letter dated September 27, 2023). Other submitted application materials include information relating to the combined requested annual groundwater withdrawal amount, the anticipated maximum rate of withdrawal for each well, the monthly distribution of the combined requested annual withdrawal amount, the place of use, the purpose of use, and the locations of wells.

However, the applicant has not provided sufficient documentation demonstrating a real, non-speculative need for the requested groundwater volume, nor is there sufficient documentation justifying that volume as reasonable for the requested purpose of use. To satisfy this requirement, the applicant must provide additional details relating to the projected demand for the proposed use(s) and describe how the requested groundwater

<u>volume (3,700,492 gallons) was determined</u>. Submitted information should address relevant factors such as:

- O Projected annual irrigation demand for the proposed landscape areas that will be irrigated using groundwater from the wells, and basis for such.
 - Projected demand must be consistent with established water requirements for the proposed vegetation types and total area to be irrigated using groundwater.
- O Projected portion of total annual irrigation demand that will be met using water sources other than groundwater (e.g., precipitation, rainfall collection) and basis for such.
- o Projected evaporative loss from detention pond B.
 - In the application, you state that "The proposed water wells shall only serve to maintain constant level of 941 feet Mean Sea Level (177,407 cf) in Pond B..." (pg. 29 of submitted application).
- Other factors as needed.

Please provide the above requested information within 180 days of the date of this letter. Once all information has been received and the requirements described above have been satisfied, the application will be deemed administratively complete and a letter indicating such will be provided with further instructions. If you have any questions or need clarification regarding the requested information, please feel free to contact my office by phone at 512-276-2875 or by e-mail at generalmanager@swtcgcd.org.

Sincerely,

Lane Cockrell

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SWTCGCD General Manager/Hydrogeologist

cc: Ben Carter, Hoar Construction, bcarter@hoar.com

Nick Castillo, Wet Rock Groundwater Services LLC, n.castillo@wetrockgs.com

Kris Ingram, Hoar Construction, kaingram@hoar.com

Kyle McDaniel, JPD Backyard Finance LLC, kyle@backyardaustin.com

Cody Myers, Nextgen Water Well Service, cody@nextgenwaterwell.com

Stephen Phelps, Hoar Construction, sphelps@hoar.com

Riley Schlottman, Wet Rock Groundwater Services LLC, r.schlottman@wetrockgs.com

Virginia Smith, SWTCGCD, staff@swtcgcd.org

Christi VanRite, JPD Backyard Finance LLC, christi@backyardaustin.com

Samuel Watson, Wet Rocks Groundwater Services LLC, s.watson@wetrockgs.com

Andrew Worsley, Wet Rocks Groundwater Services LLC, a.worsley@wetrockgs.com

Attachment B:

Planting Types, Quantities & Associated Annual Watering Demand

Backyard Infrastructure - Planting Types, Quantities & Associated Annual Watering Demand

	Tree / Plant Type	Quantity UOM	Annual Gal. Used per Plant/Area	Total Annual Gal. Used (Year 1-3)	Total Annual Gal. Used (Year 4-10)
	Bald Cypress - Taxodium distichum, 4"Cal, 65Gal, Container Grown	14 EA	856	11984	8029.2
	Cedar Elm - Ulmus crassifolia, 4"Cal, 12"H, 7'S, Container Grown	86 EA	856	73616	49322.73
	Cedar Elm - Ulmus Crassifolia, 6"Cal, 18'H, 12'S, 5' clear trunk, Field Grown	2 EA	1284	2568	1720.5
	Chinquapin Oak - Quercus muehlenbergii, Field Grown, 4"Cal, 16'H	15 EA	856	12840	8602.
	Live Oak - Quercus virginiana, 4"Cal, 12'H, 4'S, Container Grown	108 EA	856	92448	61940.10
S	Live Oak - Quercus virginiana, 6"Cal, 12'H, 4'S, Container Grown	9 EA	856	7704	5161.6
REE	Mexican Sycamore - Platanus mexicana, 4"Cal, 65Gal, Container Grown	7 EA	856	5992	4014.6
Ë	Monterrey Oak - Quercus polymorpha, 4"Cal, 18'H, 11'S	62 EA	856	53072	35558.24
	Shumard Oak - Quercus Shumardii, 4"Cal, 18'H, 11'S, Container Grown	37 EA	856	31672	21220.24
	Texas Red Oak - Quercus texana, 4"Cal, 18'H, 11'S	13 EA	856	11128	7455.70
	Desert Willow - Chilopsis linearis, 1.5"Cal, 6'H, 4S, Container Grown	4 EA	856	3424	2294.0
	Texas Mountain Laurel - Sophora secundiflora, 1.5"Cal, 6'H, 4'S, Container Grown	21 EA	1284	26964	18065.8
	Texas Redbud - Cercis canadensis var. texana, 1.5"Cal, 6'H, 4'S, Container Grown	13 EA	1284	16692	11183.6
	AA - Century Plant - Agave americana, 3/5Gal	33 EA	80	2640	1768.
	AT - Mexican Butterfly Weed - Asclepias tuberosa, 1Gal	166 EA	78	12948	8675.1
	BG - Blonde Ambition - Bouteloua gracilis, 1Gal	397 EA	84	33348	22343.1
	CA - American Beautyberry - Callicarpa americana, 3/5Gal	52 EA	78	4056	2717.5
	CL - Inland Sea Oats - Chasmanthium latifolium, 1Gal	80 EA	84	6720	4502.
	DL - Toothless Sotol - Dasylirion longissimum, 3/5Gal	141 EA	80	11280	7557.
	EU - Candelilla - Euphorbia antisyphilitica, 3/5Gal	208 EA	84	17472	11706.24
	HF - Giant Hesperaloe - Hesperaloe funifera, 3/5Gal	93 EA	84	7812	5234.0
	HP - Brake Lights Red Yucca - Hesperaloe parviflora 'Brake Lights', 1Gal	391 EA		32844	22005.4
			84		
	LF - Texas Sage - Leucophyllum frutescens, 1Gal	330 EA 70 EA	84	27720	18572.4
رم	MA - Turk's Cap - Malvaviscus arboreus var. drumondii, 3/5Gal		78 78	5460	3658.
JBS	MC - Gulf Muhly - Muhlenbergia capilaris, 1Gal	576 EA	/8	44928	30101.70
H N	ML - Lindheimer Muhly Grass - Muhlenbergia lindheimeri, 1Gal	258 EA	/8	20124	13483.0
SH	NL - Texas Beargrass - Nolina texana, 1Gal	78 EA	64	4992	3344.6
	NT - Mexican Feather Grass - Nassella tenuissima, 1Gal	433 EA	78	33774	22628.5
	O - Prickly Pear - Opuntia spp., 3/5Gal	296 EA	48	14208	9519.30
	RO - Rosemary, Upright - Rosmarinus officinalis, 3/5Gal	182 EA	64	11648	
	SL - Mexican Sage - Salvia leucantha, 1Gal	124 EA	128	15872	10634.2
	SM - Dwarf palmetto - Sabal minor, 3/5Gal	15 EA	64	960	643.:
	TF - Bush Germander - Teucrium fruticans, 3/5Gal	168 EA	78	13104	8779.6
	YA - Yucca - Yucca aloifolia, 3/5Gal	198 EA	64	12672	8490.2
	YB - Yucca - Yucca baccata, 3/5Gal	13 EA	64	832	557.4
	YF - Yucca - Yucca faxoniana, 3/5Gal	9 EA	64	576	385.9
	YP - Yucca - Yucca pallida, 3/5Gal	28 EA	64	1792	1200.6
	YR - Yucca - Yucca rupicola, 3/5Gal	189 EA	64	12096	8104.3
	Sod - Tif 419 Bermuda (126 Pallets x 450 SF/Pallet)	56700 SF	78	4422600	296314
ES	Hydromulch - Native Grass Seed Mix - Dam slope & Lady Bird's Legacy Wildflower Mix at 40 lbs/acre (combined)	128861 SF	26	3350386	2244758.6
SSE	Hydromulch - Native Grass Seed Mix - Drainfield & Wetland Fringe Mix at 40 lbs/acre (combined)	24802 SF	26	644852	432050.8
RA	Hydromulch - Native Grass Seed Mix - Native Sun Turfgrass at 120 lbs/acre	26486 SF	26	688636	461386.1
G	Hydromulch - Native Grass Seed Mix - Native Trail Mix at 40 lbs/acre	91200 SF	26	2371200	158870
	Hydromulch - Native Grass Seed Mix - Shade-friendly Grass Mix at 60 lbs/acre	56695 SF	26	1474070	987626.
	•	· · · · · · · · · · · · · · · · · · ·		13,651,726.00	9,146,656.42

Attachment C:

Verification of Irrigation Usage

Backyard - Verification of Actual Required Irrigation

MONTH	Per Application	Actual Usage
	Water Demand (Gal)	Water Demand (Gal)
January	100,906	
February	117,570	
March	241,413	271,000
April	252,264	342,000
May	392,101	817,000
June	473,374	1,043,000
July	562,809	1,448,000
August	581,635	1,360,000
September	396,856	
October	307,046	
November	174,039	
December	100,479	
TOTALS	3,700,492	5,281,000



Account Number	AMOUNT DUE
071321-03698-00	\$2,800.99
Due Date	After Due Date Pay
5/15/2023	\$3,081,09
Service	Address
T/13901 BE	E CAVE Pkwy
Amount	Enclosed

WTC0420A 3581 1 AB 0.507 7000003655 00.0013.0130 3581/1

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JIMMY EVANS COMPANY 811 DALTON LN **AUSTIN TX 78742-2203**

WTCPUA 13215 BEE CAVE PKWY STE B110 BEE CAVE, TX 78738-0055

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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

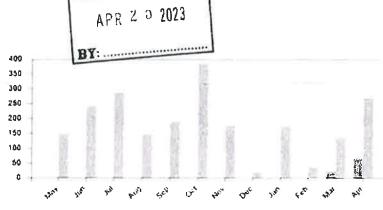
	Name			Service Addre	68	Account Number
) l	JIMMY EVANS COMPANY			T/13901 BEE CAVE	071321-03698-00	
Status		Service Dates		DIII Data	Due Dete	5 - 1 5 1
Status	From	To	# Days	Bill Date	Due Date	Penalty Date
Active	3/10/2023	4/11/2023	32	4/20/2023	5/15/2023	5/16/2023

849.10.126

PREVIOUS BALANCE (\$1,786.11) **PAYMENTS** \$0.00 ADJUSTMENTS \$0.00 **PENALTIES** \$0.00

(\$1,786.11)

CREDIT BALANCE METER# **CURRENT PREVIOUS** USAGE READING READING (In 1000 Callons) 19026040 4,403 271 Water-Volumetric 4.132 \$4,379.66 RECEIVED Water-Base Fee \$184.62 Rcg Assessment Fee \$22,82 CURRENT BILL \$4,587.10 APR 2 0 2023 AMOUNT DUE \$2,800.99 AMOUNT DUE AFTER 05/15/2023 \$3,081.09



May 2022 to Apr 2023

Hours of Operation - 8:00-12:00, 1:00-5:00 Mon-Fri

May 2021 to Apr 2022

Stage 1 Mandatory Watering Restrictions in effect:

Twice per week watering based on the following schedule:

Residential:

Addresses ending in 0,1,2,3: Monday and Thursday Addresses ending in 4,5,8: Tuesday and Friday Addresses ending in 7,8,9: Wednesday and Saturday

Commercial: Tuesday and Friday Watering Hours: Midnight to 10 a.m. and 7 p.m. to midnight. Variances are required for new landscapes if the schedule above must be exceeded.

\$2,800.99

\$6,467.28



WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY 13215 BEE CAVE PKWY BLDG B, STE 110 BEE CAVE, TX 78738 (512) 263-0125 or www.wtcpus.org Please make checks payable to WTCPUA

Account Number	AMOUNT DUE	
071321-03698-00	\$5,879.34	
Due Date	After Due Date Pa	
6/15/2023	\$6,467.28	
Service	e Address	
T/13901 BE	EE CAVE Pkwy	
Amoun	t Enclosed	

WTC0518A 3595 1 AB 0.507 7000003666 00.0013.0136 3595/1

<u>, իրկակակակինի իրկարդության անականի իրկականին իրկա</u>

250 200

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JIMMY EVANS COMPANY 811 DALTON LN **AUSTIN TX 78742-2203**

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PREVIOUS BALANCE

13215 BEE CAVE PKWY STE B110 BEE CAVE, TX 78738-0055

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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

Name				Service Addr	965	Account Number
JI	JIMMY EVANS COMPANY			T/13901 BEE CAV	071321-03698-00	
Status		Service Dates		Dill D-4-	T 5. 5.4	
SIZIUS	From	To	# Days	Bill Date	Due Date	Penalty Date
Active	4/11/2023	5/11/2023	30	5/18/2023	6/15/2023	6/16/2023

PAYMENTS (\$2.800.99)ADJUSTMENTS \$0.00 PENALTIES \$0.00 PAST DUE AMOUNT \$0.00 USAGE (fit 1000 Cirillons) 342 Water-Volumetric \$5,665.47 Water-Base Fee \$184.62 Reg Assessment Fee \$29.25 CURRENT BILL \$5,879.34 AMOUNT DUE \$5,879.34

METER# MAY 2 2023 19026040

CURRENT **PREVIOUS** READING READING 4.745 4.403

19.10.124

400 350 300 150 100 9.8.89

Jun 2022 to May 2023

Hours of Operation - 8:00-12:00, 1:00-5:00 Mon-Fri

Jun 2021 to May 2022



AMOUNT DUE AFTER 06/15/2023

Stage 1 Mandatory Watering Restrictions in effect: Twice per week watering based on the following schedule

Residential:

Addresses ending in 0,1,2,3; Monday and Thursday Addresses ending in 4,5,6: Tuesday and Friday Addresses ending in 7,8,9: Wednesday and Saturday Commercial customers (including HOA and POA addresses): Tuesday and Friday No watering allowed on Sundays Watering Hours: Midnight to 10 a.m. and 7 p.m. to midnight. Variances are required for new landscapes if the schedule above must be exceeded.



Account Number	AMOUNT DUE
071321-03698-00	\$14,524.60
Due Date	After Due Date Pay
7/15/2023	\$15,977.06
Service	Address
TY13901 BE	E CAVE Pkwy
Amount	Enclosed

WTC0620A 3625 1 AB 0.507 7000003699 00.0013.0139 3625/1

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JIMMY EVANS COMPANY JIMMY EVANS COMPANY 811 DALTON LN AUSTIN TX 78742-2203

եր ձեռի գուժիլի իրելուն ավանագրի իրելու եր իրելույի իրելույի և արագահանագրի և արագահանագրի հայարարան անագահանա

WTCPUA 13215 BEE CAVE PKWY STE B110 BEE CAVE, TX 78738-0055

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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

	Name			Service Addre	Account Number		
JIMMY EVANS COMPANY				T/13904 BEE CAV	071321-03698-00		
Status		Sorvice Dates	7.Al	Bill Date	Due Date	Danella Data	
Status	From	To	# Days	DIII Date	Due Date	Penalty Date	
Active	5/11/2023	6/9/2023	29	6/20/2023	7/15/2023	7/16/2023	

9.10.124

PREVIOUS BALANCE \$5,879,34 PAYMENTS. (\$5,879,34) ADJUSTMENTS \$0.00 PENALTIES \$0.00 \$0.00

PAST DUE AMOUNT

METER#

CURRENT

PREVIOUS

USAGE

19026040

READING

READING the 1000 Gallous) 4,745 817

Water-Volumetrie \$14,267.72 Water-Base Fee \$184.62 Reg Assessment Fee \$72,26 CURRENT BILL. 514,524.60

AMOUNT DUE

\$14,524.60 \$15,977.06

AMOUNT DUE AFTER 07/15/2023

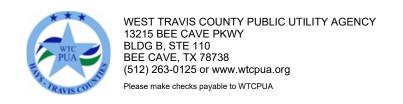


The Annual Consumer Confidence Report (CCR) for 2022 is now available at https://wtcpua.org/ccr1. If you need a hard copy, please call our office at 512-263-0125.

😳 Jul 2021 to Jun 2022

Jul 2022 to Jun 2023





Account Number	AMOUNT DUE				
071321-03698-01	\$18,556.75				
Due Date	After Due Date Pay				
8/15/2023	\$20,412.43				
Service	Address				
T/13901 BE	EE CAVE Pkwy				
Amoun	Amount Enclosed				

JPD BACKYARD FINANCE 1401 LAVACA ST PMB40869 AUSTIN, TX 78701

WTCPUA 13215 BEE CAVE PKWY BLDG B, STE 110 BEE CAVE, TX 78738

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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

	Name			Service Addre	ess	Account Number
JP	JPD BACKYARD FINANCE			T/13901 BEE CAV	071321-03698-01	
Status	atus		# Days	Bill Date	Due Date	Penalty Date
N.		T0		7/20/2022	0/15/2022	0/16/2022
New	6/23/2023	7/11/2023	18	7/20/2023	8/15/2023	8/16/2023

PREVIOUS BALANCE \$0.00 **PAYMENTS** \$0.00 (\$2,050.00) ADJUSTMENTS **PENALTIES** \$0.00 CREDIT BALANCE

AMOUNT DUE

(\$2,050.00)

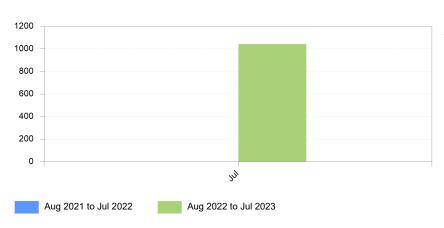
\$18,556.75

METER# CURRENT **PREVIOUS USAGE** READING READING (In 1000 Gallons) 19026040 1,043 7,215 6,172

Water-Volumetric \$18,360.58 Water-Base Fee \$103.85 Reg Assessment Fee \$92.32

K-071 Hydrant Deposit-Billed \$2,000.00 Application Fee-071 \$50.00 CÜRRENT BILL \$20,606.75

AMOUNT DUE AFTER 08/15/2023 \$20,412.43





Account Number	AMOUNT DUE			
071321-03698-01	\$46,421.58			
Due Date	After Due Date Pay			
9/15/2023	\$49,022.49			
Service Address				
T/13901 BE	E CAVE Pkwy			
Amount Enclosed				

JPD BACKYARD FINANCE 1401 LAVACA ST PMB40869 AUSTIN, TX 78701

WTCPUA 13215 BEE CAVE PKWY BLDG B, STE 110 BEE CAVE, TX 78738

There will be a charge on all returned checks.
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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

	Name			Service Addre	ess	Account Number
JP	D BACKYARD FIN	JANCE		T/13901 BEE CAV	E Pkwy	071321-03698-01
Status		Service Dates	# D	Bill Date Due Date		Penalty Date
	From	10	# Days			
Active	7/11/2023	8/10/2023	30	8/18/2023	9/15/2023	9/16/2023

PREVIOUS

READING

7,215

\$0.00ADJUSTMENTS **PENALTIES** \$1,855.68 \$20,412.43 PAST DUE AMOUNT **USAGE** (In 1000 Gallons) 1,448 Water-Volumetric \$25,695.13 Water-Base Fee \$184.62 \$129.40 Reg Assessment Fee CÜRRENT BILL \$26,009.15 AMOUNT DUE \$46,421.58

\$18,556.75

\$49,022.49

\$0.00

PREVIOUS BALANCE

PAYMENTS

AMOUNT DUE AFTER 09/15/2023

1600 1400 1200 1000 800 600 400 200 0 Sep 2021 to Aug 2022 Sep 2022 to Aug 2023

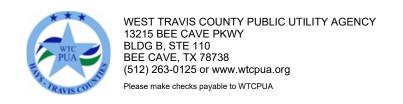
METER#

19026040

CURRENT

READING

8,663



AMOUNT DUE						
\$24,407.50						
After Due Date Pay						
\$26,848.25						
Service Address						
T/13901 BEE CAVE Pkwy						
Amount Enclosed						

JPD BACKYARD FINANCE 1401 LAVACA ST PMB40869 AUSTIN, TX 78701

WTCPUA 13215 BEE CAVE PKWY BLDG B, STE 110 BEE CAVE, TX 78738

There will be a charge on all returned checks.
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CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

	Name			Service Addre	Account Number	
JPD BACKYARD FINANCE				T/13901 BEE CAV	071321-03698-01	
Status	From			Bill Date	Due Date	Penalty Date
Active	8/10/2023	9/11/2023	32	9/20/2023	10/15/2023	10/16/2023

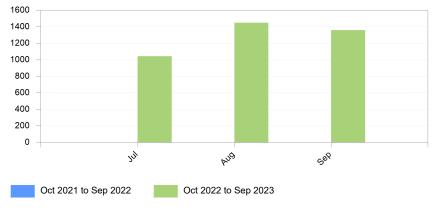
PREVIOUS BALANCE
PAYMENTS
ADJUSTMENTS
PENALTIES
PAST DUE AMOUNT

\$46,421.58
\$0.00
\$\$90.00
\$\$90.00
\$\$\$90.00

\$26,848.25

AMOUNT DUE AFTER 10/15/2023

METER# CURRENT **PREVIOUS USAGE** READING READING (In 1000 Gallons) 19026040 1,360 Water-Volumetric \$24,101.45 10,023 8,663 Water-Base Fee \$184.62 Reg Assessment Fee \$121.43 CÜRRENT BILL \$24,407.50 AMOUNT DUE \$24,407.50



Attachment D:

Irrigation Demand and Evaporative Loss

Backyard - Irrigation Demand & Evaporative Loss Worksheet

	Per Application	Irrigation Demand				Evaporative Loss			Totals
Month	Water Demand (Gal)	Daily Irrigation	Days Irrigated	Weekly Irrig. Demand	Monthly Irrig. Demand	Daily Evap. Loss	Days/Month	Monthly Evap. Loss	Total Monthly Irrig. Demand + Evap. Loss
January	100,906	2,347	6	14,080	60,966	1,294	31	40,104	101,070
February	117,570	2,734	6	16,405	71,034	1,507	28	42,205	113,239
March	241,413	5,614	6	33,686	145,858	3,095	31	95,946	241,805
April	252,264	5,867	6	35,200	152,414	3,234	30	97,025	249,439
May	392,101	9,119	6	54,712	236,902	5,027	31	155,835	392,737
June	473,374	11,009	6	66,052	286,006	6,069	30	182,067	468,073
July	562,809	13,089	6	78,531	340,041	7,216	31	223,681	563,722
August	581,635	13,500	6	81,000	350,730	7,453	31	231,043	581,773
September	396,856	9,229	6	55,375	239,775	5,088	30	152,637	392,412
October	307,046	7,141	6	42,844	185,513	3,936	31	122,031	307,544
November	174,039	4,047	6	24,285	105,152	2,231	30	66,938	172,090
December	100,479	2,337	6	14,020	60,708	1,288	31	39,934	100,642
	3,700,492				2,235,100			1,449,445	3,684,544

^{*}calculations based off of August figures as provided by James Pole in email dated 6/18/2020.